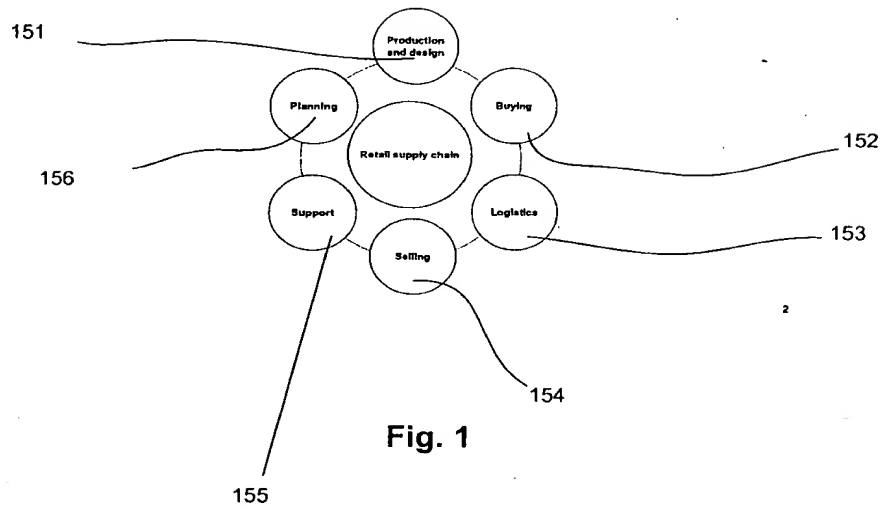
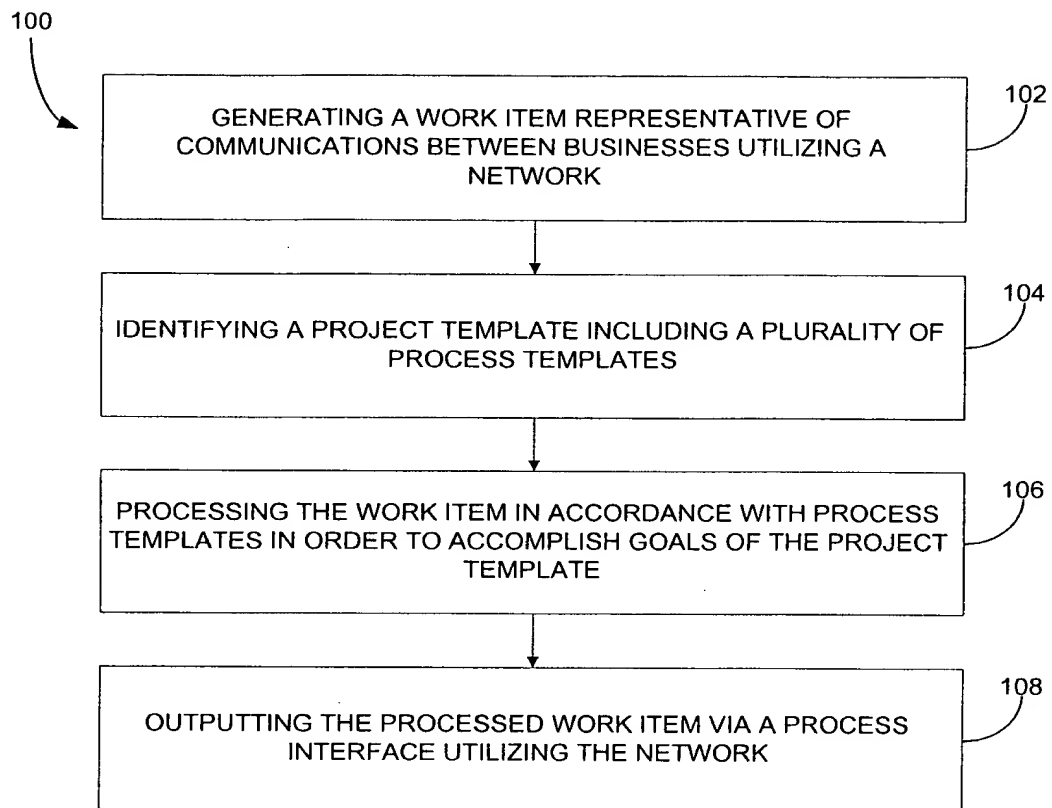


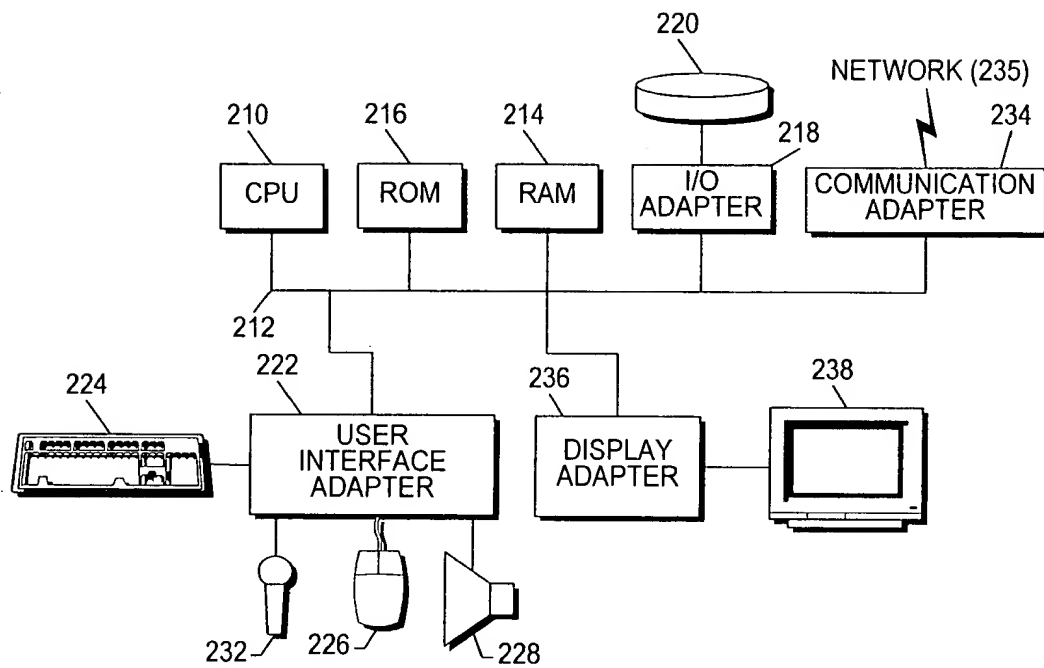
150

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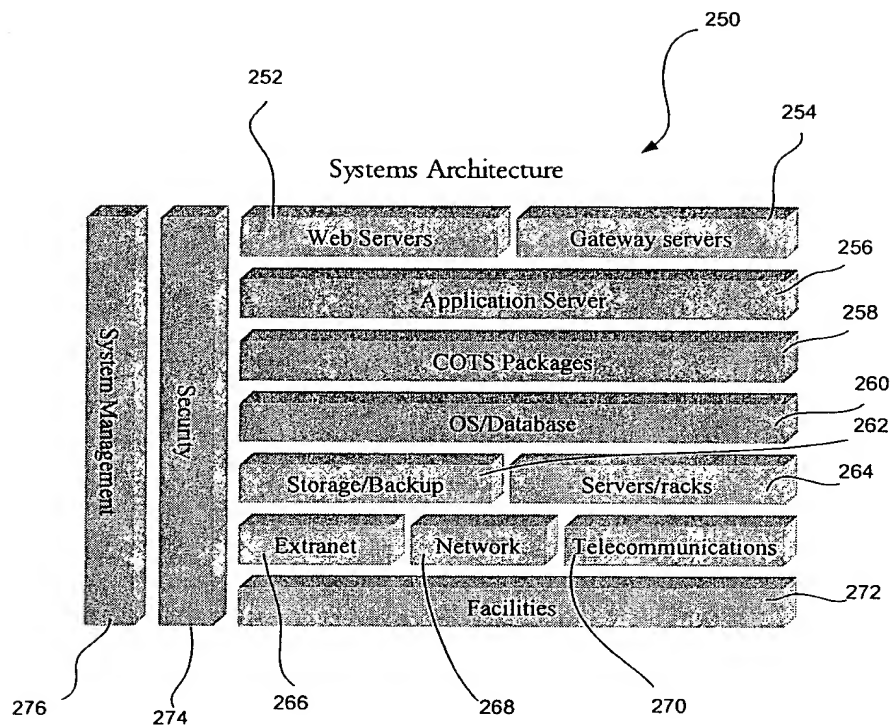




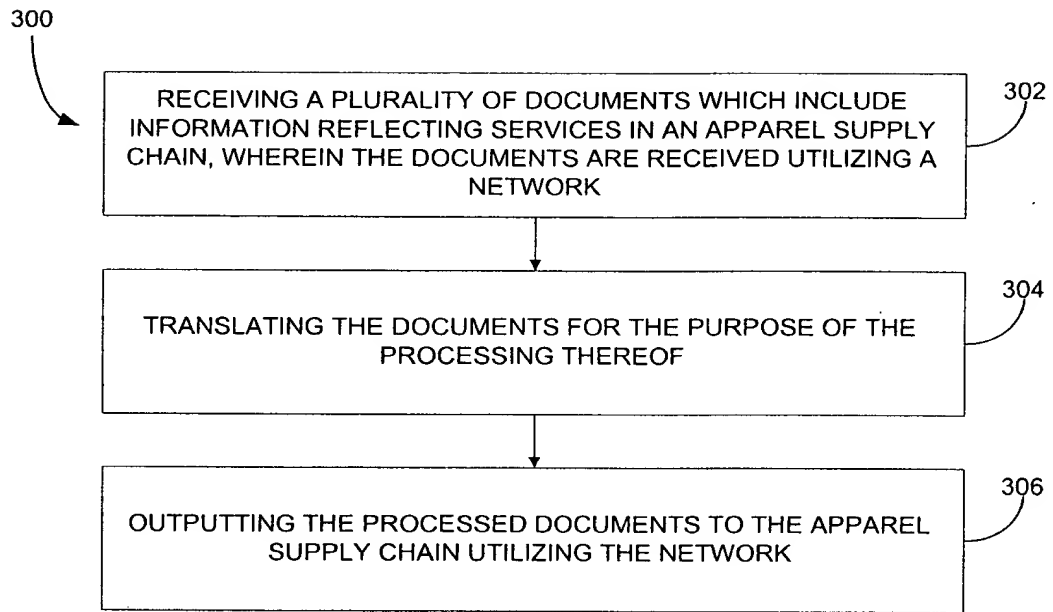
**Fig. 1a**



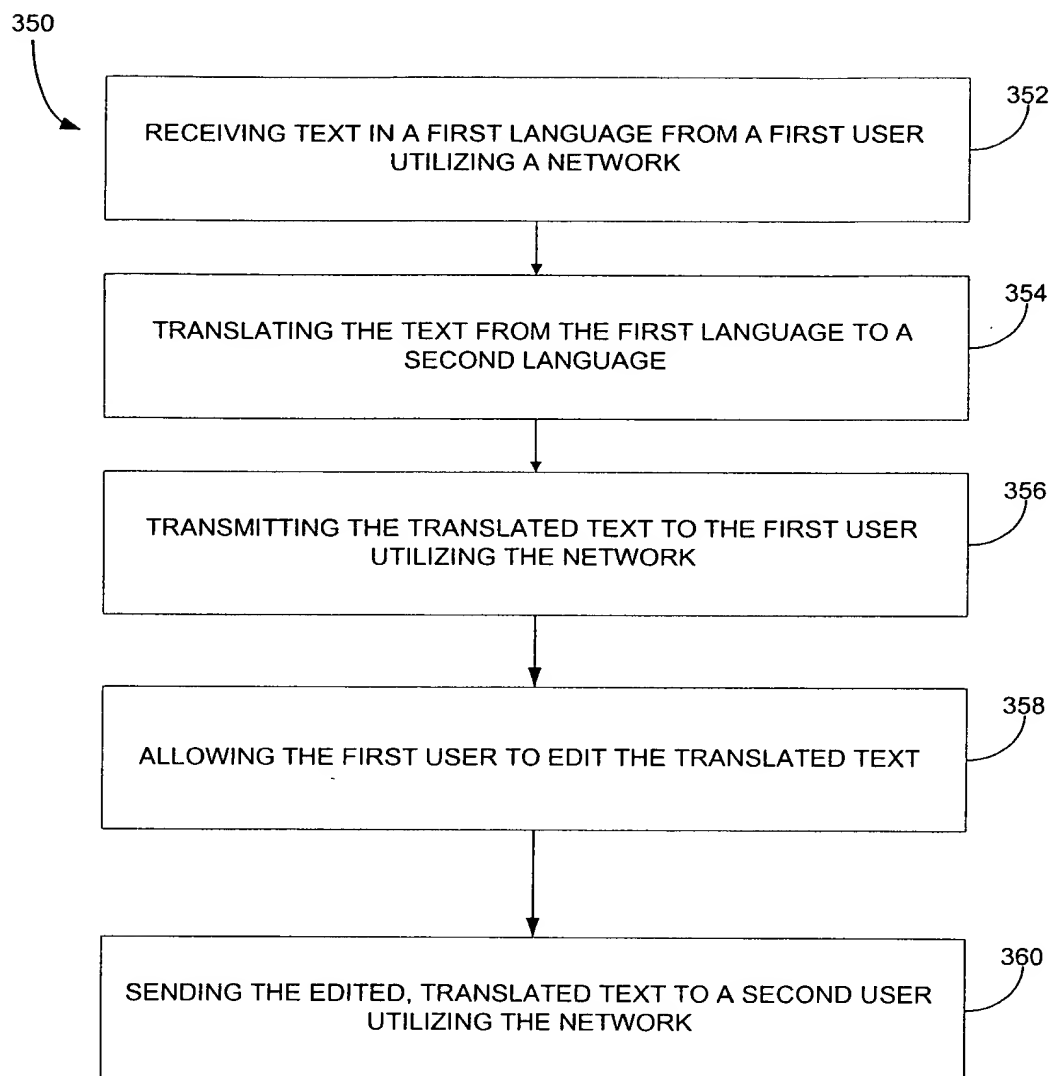
**Fig. 2**



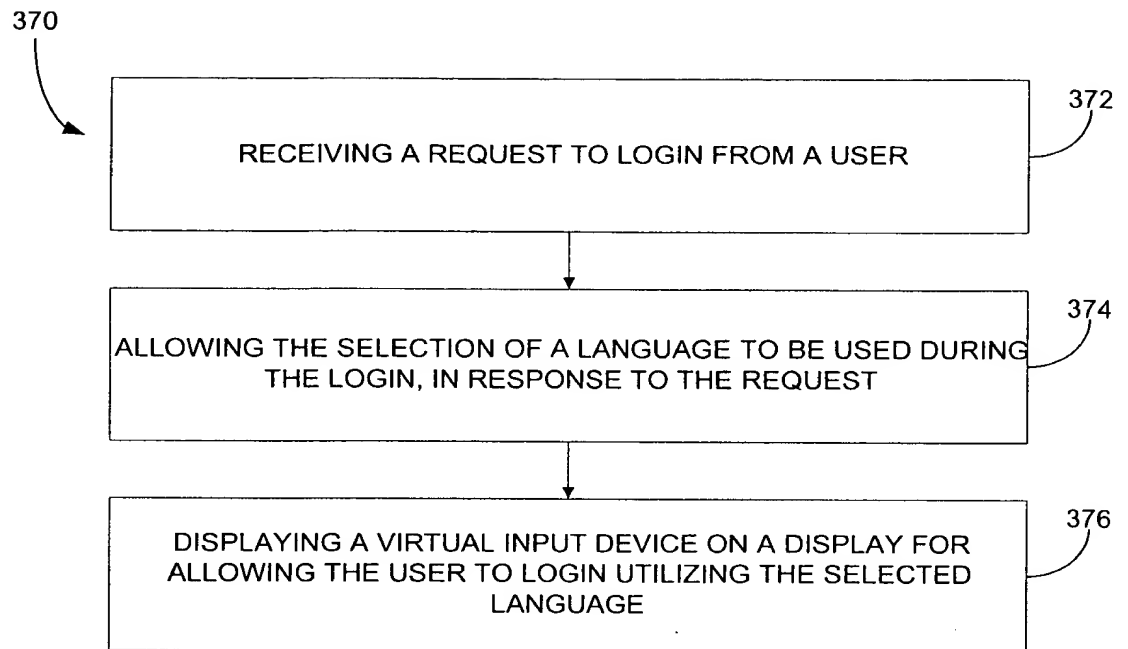
**Fig. 2b**



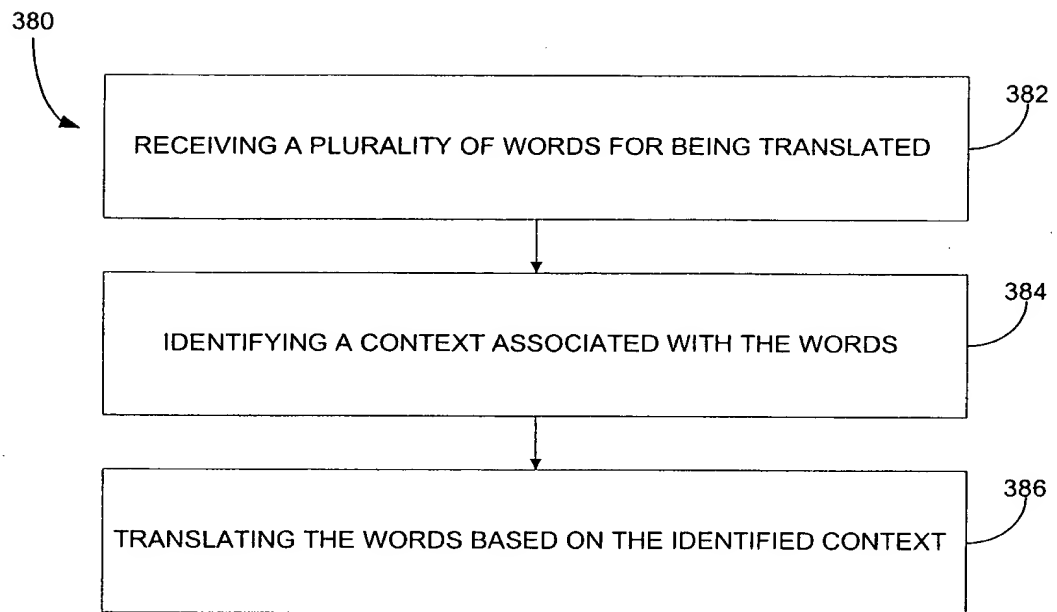
**Fig. 3**



**Fig. 3a**

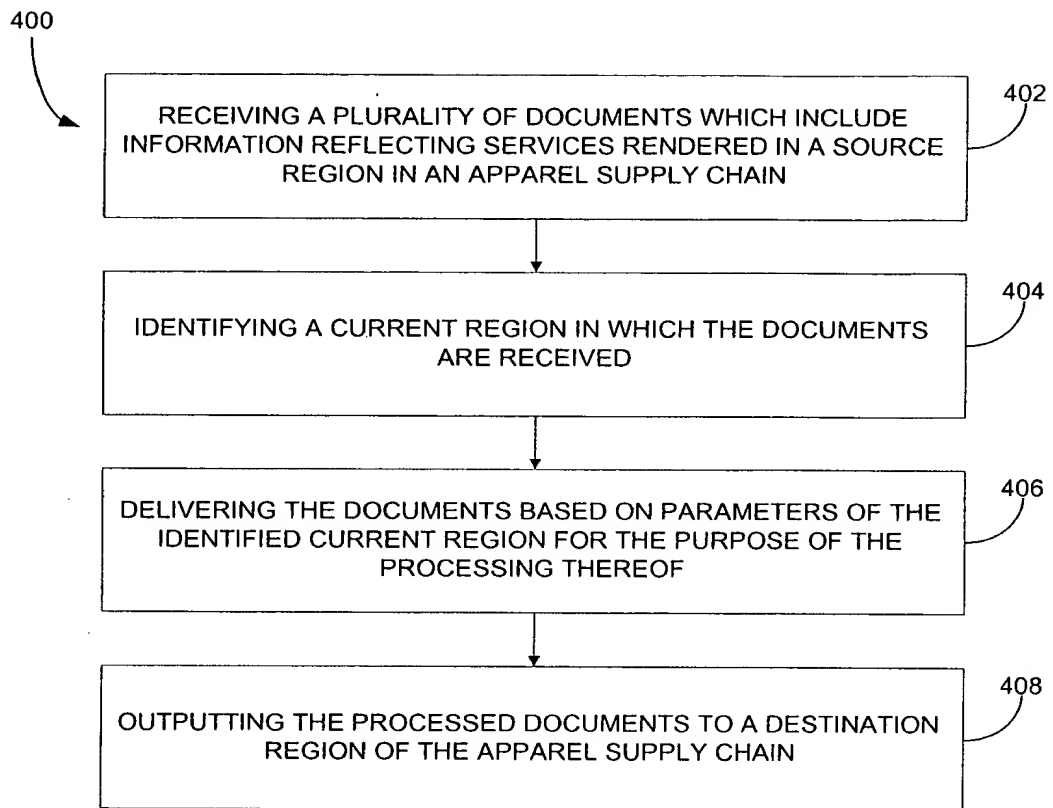


**Fig. 3b**

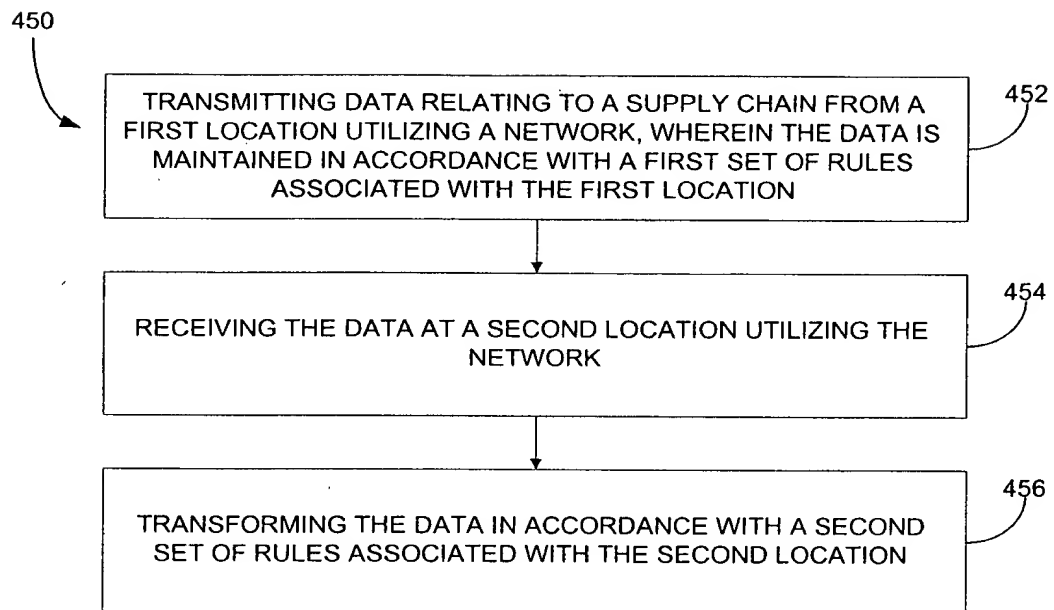


**Fig. 3c**

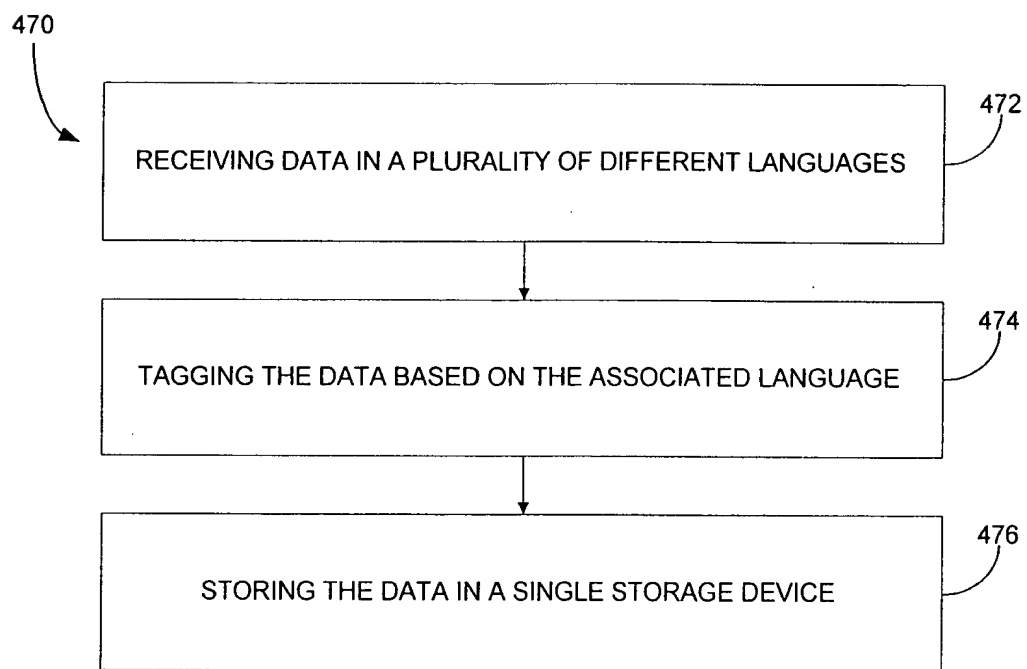




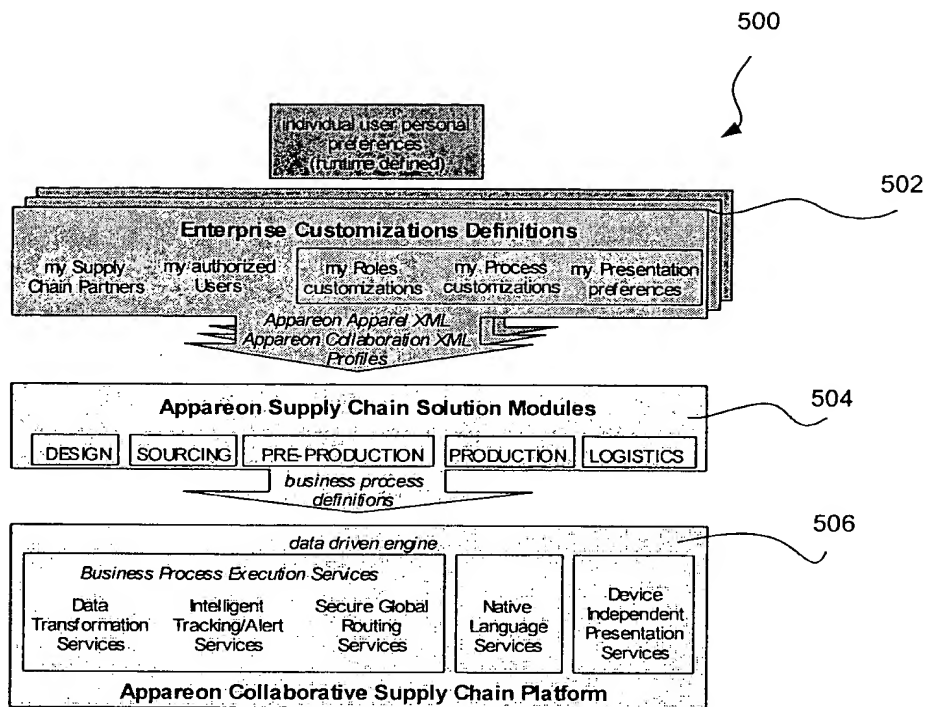
**Fig. 4**



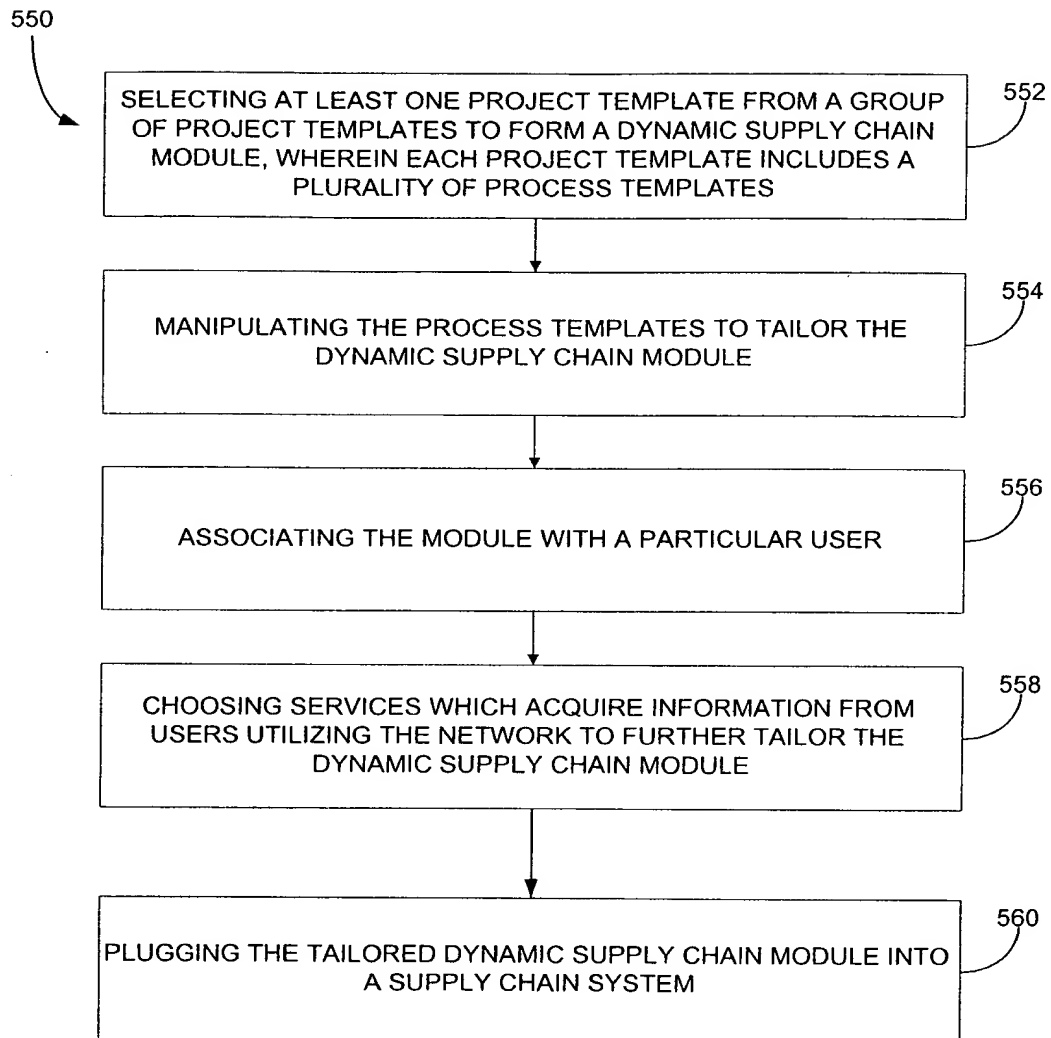
**Fig. 4a**



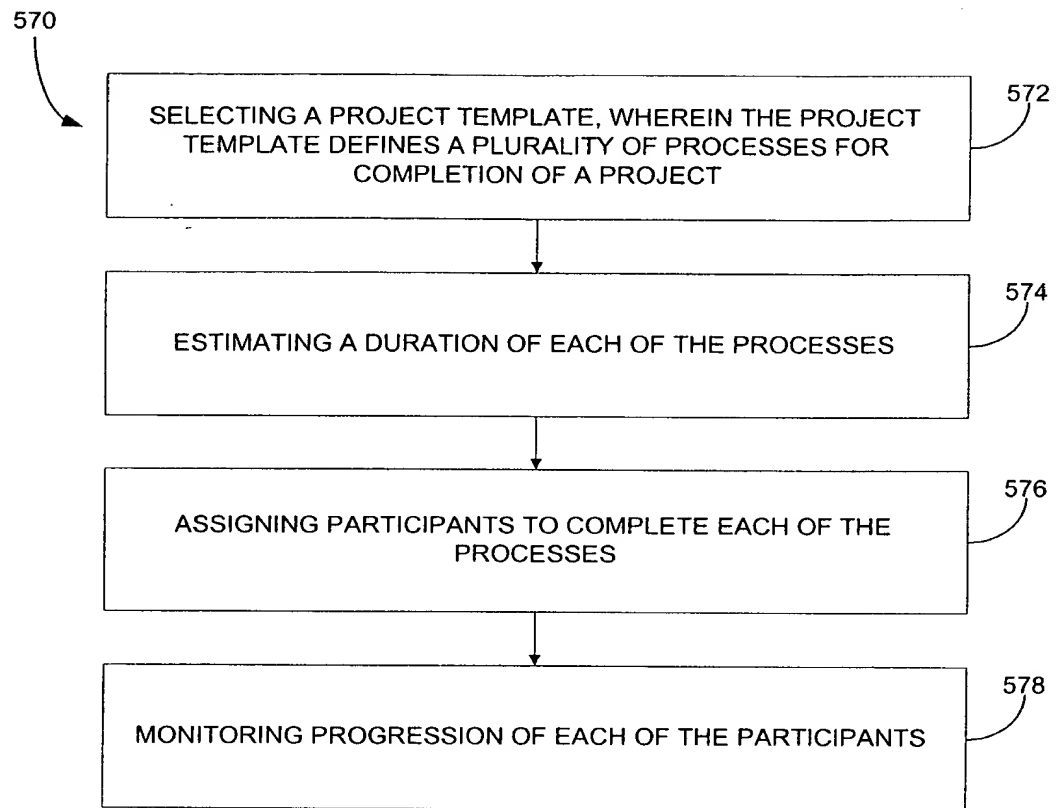
**Fig. 4b**



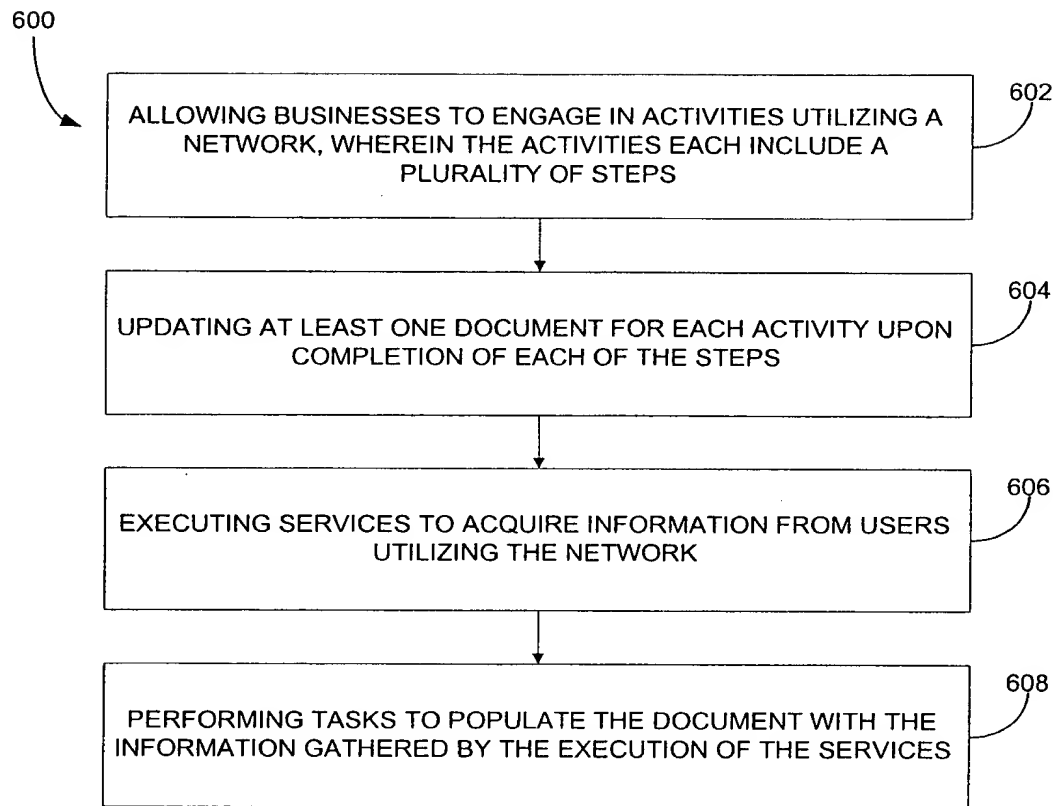
**Fig. 5a**



**Fig. 5b**



**Fig. 5c**



**Fig. 6a**

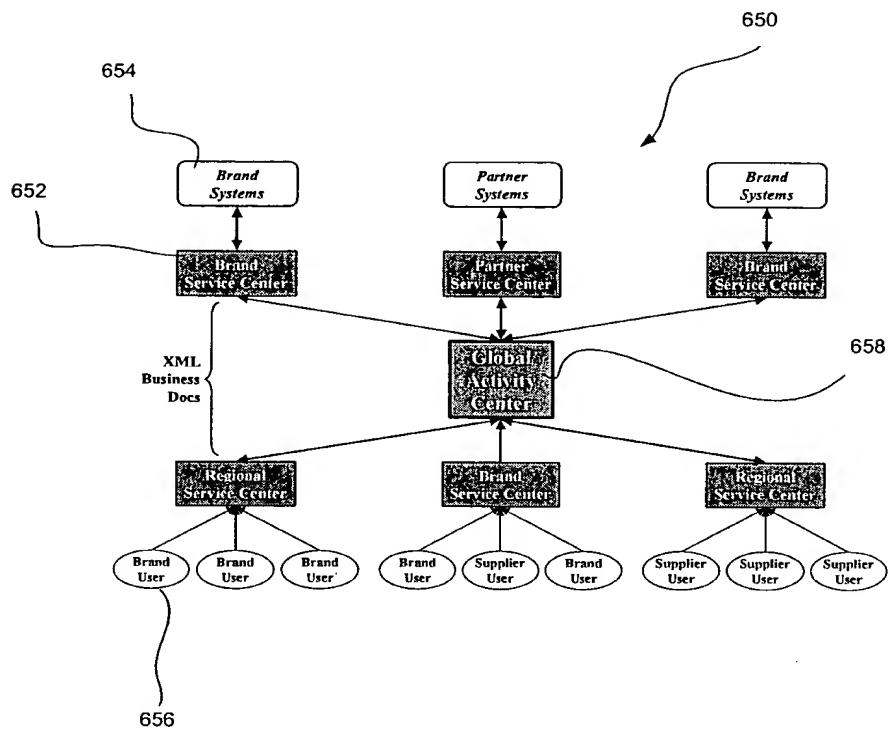


Fig. 6b





700

| Abstraction Level | Action  | Output            | Type of State  | Example           |
|-------------------|---------|-------------------|----------------|-------------------|
| Activity          | Conduct | Economic Exchange | Business       | Source Production |
| Service           | Utilize | Business Document | Transactional  | Respond to RFQ    |
| Task              | Execute | User Input        | Conversational | Select Material   |

Fig. 7

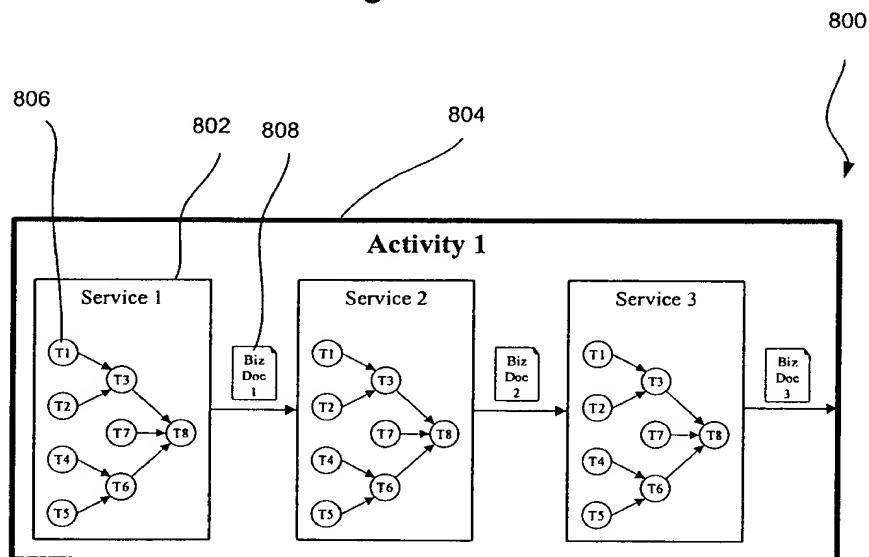


Fig. 8

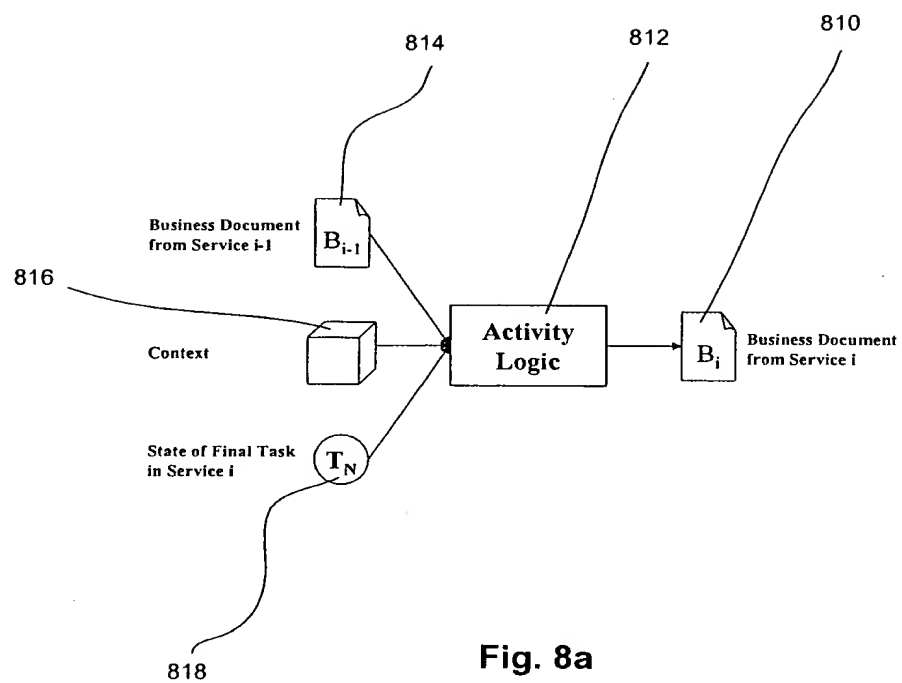


Fig. 8a

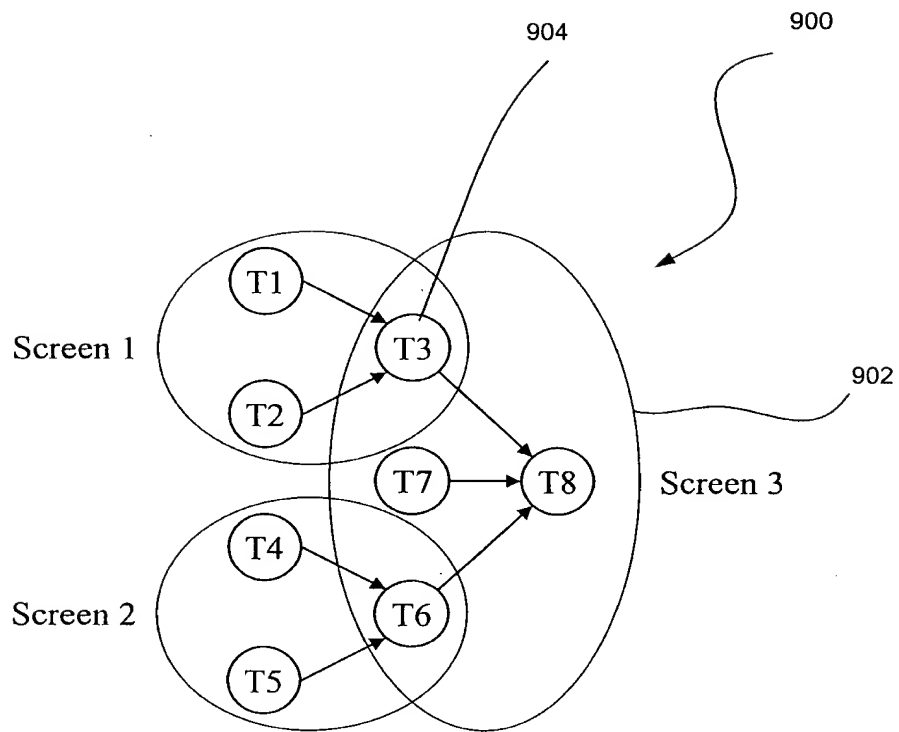
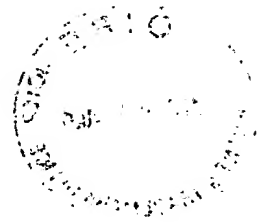


850



| Document Category         | Purpose   | Working Store                       | Examples                             |
|---------------------------|---|-------------------------------------|--------------------------------------|
| <i>Collaboration Docs</i> | Represent the exchange of business information among trading partners               | DB of Record<br>Master Doc Store    | Quote<br>Purchase Order              |
| <i>Service Docs</i>       | Represent the contribution of a trading partner to a collaboration                  | Local Doc Store                     | Service State<br>Structure           |
| <i>Presentation Docs</i>  | Represent the layout of a user interface  | Local Doc Store                     | HTML Template<br>Widget Transform    |
| <i>Control Docs</i>       | Control the execution of the Collaboration, Conversation, and Presentation Managers | Local Doc Store<br>Master Doc Store | Routing Rules<br>Service Definition  |
| <i>System Docs</i>        | Maintain consistent state across all distributed system nodes                       | DB of Record<br>Master Doc Store    | Update Data Order<br>Get Doc Request |

Fig. 8b



**Fig. 9**

3910  
2015 1 1 974  
2015 1 1 974

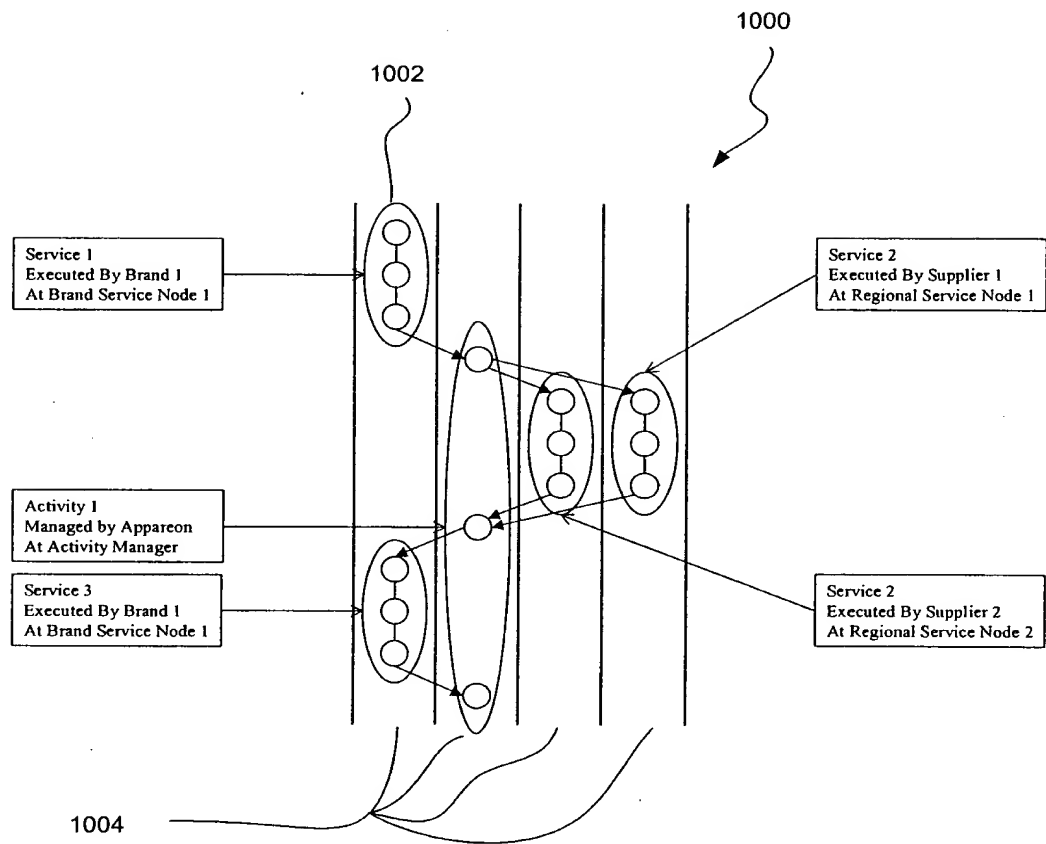


Fig. 10



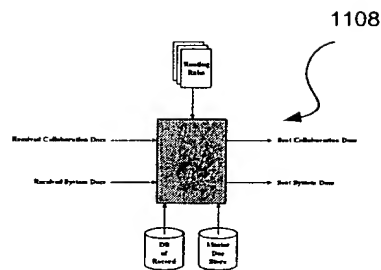
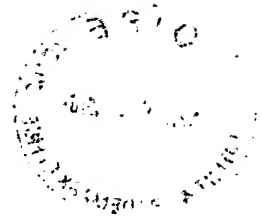


Fig. 12

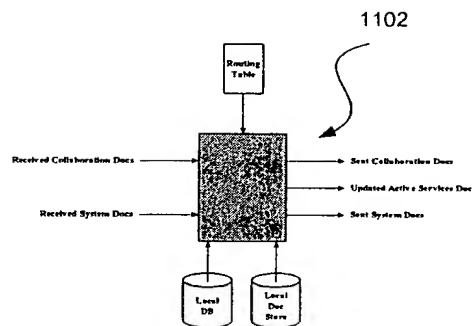


Fig. 13

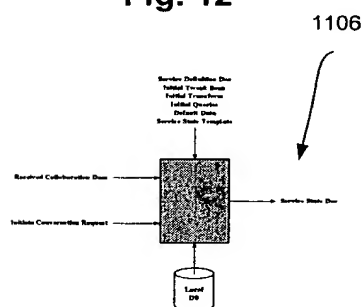


Fig. 14

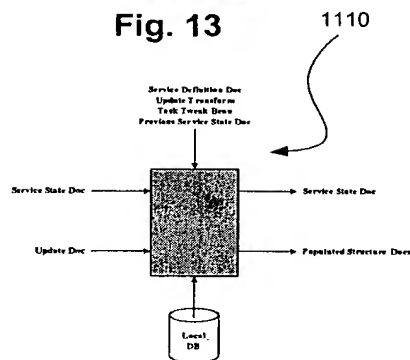


Fig. 15

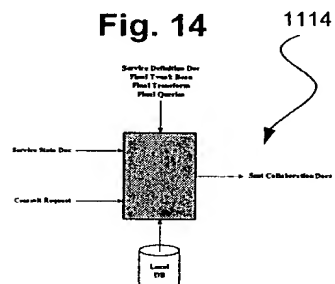


Fig. 16

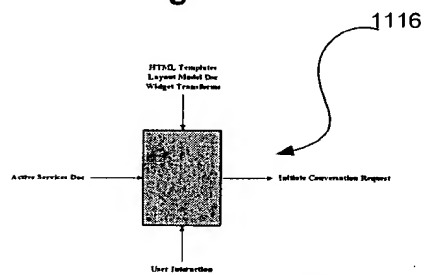


Fig. 17

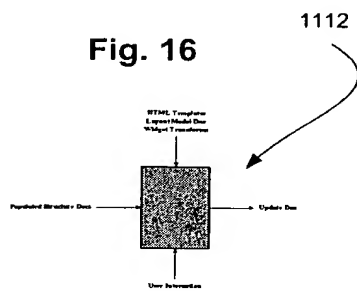


Fig. 18

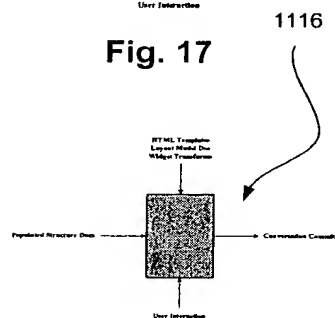


Fig. 19

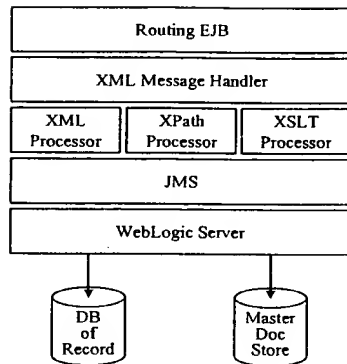


Fig. 20

1108

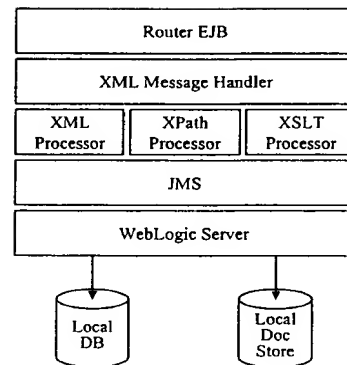


Fig. 21

1102

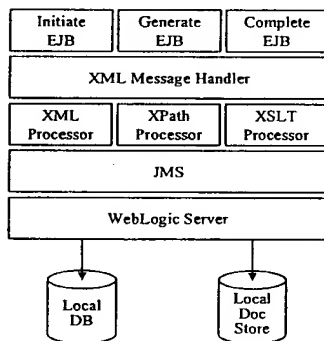


Fig. 22

1106, 1114

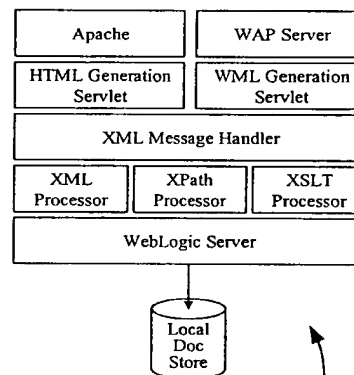


Fig. 23

1104, 1116